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JUN 26 2001

TECH CENTER 1600/2900

#11/Row 1635
Seq.
listing

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/355,254B

DATE: 06/07/2001

TIME: 11:48:02

Input Set : A:\Seqlist.txt

Output Set: C:\CRF3\06072001\I355254B.raw

ENTERED

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4 <110> APPLICANT: Wagner, Hermann
5     Lipford, Grayson
6     Heeg, Klaus
8 <120> TITLE OF INVENTION: Pharmaceutical Compositions Comprising a
9     Polynucleotide and Optionally an Antigen Especially for
10    Vaccination
12 <130> FILE REFERENCE: C1041/7005 (AWS)
14 <140> CURRENT APPLICATION NUMBER: US 09/355,254B
15 <141> CURRENT FILING DATE: 2000-02-22
17 <150> PRIOR APPLICATION NUMBER: PCT/EP98/00367
18 <151> PRIOR FILING DATE: 1998-01-23
20 <150> PRIOR APPLICATION NUMBER: EP 97101019.4
21 <151> PRIOR FILING DATE: 1997-01-23
23 <160> NUMBER OF SEQ ID NOS: 27
25 <170> SOFTWARE: FastSEQ for Windows Version 3.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 24
29 <212> TYPE: DNA
30 <213> ORGANISM: Genomic DNA
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33   tcattggaaa acgttcttcg gggc
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 30
37 <212> TYPE: DNA
38 <213> ORGANISM: Genomic DNA
40 <400> SEQUENCE: 2
41   accgatgacg tcgccggtga cggcaccacg
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 20
45 <212> TYPE: DNA
46 <213> ORGANISM: Genomic DNA
48 <400> SEQUENCE: 3
49   tccatgacgt tcctgatgct
51 <210> SEQ ID NO: 4
52 <211> LENGTH: 20
53 <212> TYPE: DNA
54 <213> ORGANISM: Genomic DNA
56 <400> SEQUENCE: 4
57   tccatgacgt tcctgatgct
59 <210> SEQ ID NO: 5
60 <211> LENGTH: 20
61 <212> TYPE: DNA
62 <213> ORGANISM: Genomic DNA
64 <400> SEQUENCE: 5
65   attgcctgac gtcagagagc
67 <210> SEQ ID NO: 6
68 <211> LENGTH: 20

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69 <212> TYPE: DNA
70 <213> ORGANISM: Genomic DNA
72 <400> SEQUENCE: 6
73 tccatgacgt cactgatgct 20
75 <210> SEQ ID NO: 7
76 <211> LENGTH: 20
77 <212> TYPE: DNA
78 <213> ORGANISM: Genomic DNA
80 <400> SEQUENCE: 7
81 attgcctgac gttcgagagc 20
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 20
85 <212> TYPE: DNA
86 <213> ORGANISM: Genomic DNA
88 <400> SEQUENCE: 8
89 gattgcctga cgtcagagag 20
91 <210> SEQ ID NO: 9
92 <211> LENGTH: 18
93 <212> TYPE: DNA
94 <213> ORGANISM: Genomic DNA
96 <400> SEQUENCE: 9
97 ggaatgacgt tccctgtg 18
99 <210> SEQ ID NO: 10
100 <211> LENGTH: 18
101 <212> TYPE: DNA
102 <213> ORGANISM: Genomic DNA
104 <400> SEQUENCE: 10
105 agctatgacg ttccaagg 18
107 <210> SEQ ID NO: 11
108 <211> LENGTH: 20
109 <212> TYPE: DNA
110 <213> ORGANISM: Genomic DNA
112 <400> SEQUENCE: 11
113 gcttgatgac tcagccggaa 20
115 <210> SEQ ID NO: 12
116 <211> LENGTH: 20
117 <212> TYPE: DNA
118 <213> ORGANISM: Genomic DNA
120 <400> SEQUENCE: 12
121 tcgatcgggg cggggcgagc 20
123 <210> SEQ ID NO: 13
124 <211> LENGTH: 20
125 <212> TYPE: DNA
126 <213> ORGANISM: Genomic DNA
128 <400> SEQUENCE: 13
129 tgcagattgc gcaatctgca 20
131 <210> SEQ ID NO: 14
132 <211> LENGTH: 20
133 <212> TYPE: DNA

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TIME: 11:48:02

Input Set : A:\Seqlist.txt

Output Set: C:\CRF3\06072001\I355254B.raw

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134 <213> ORGANISM: Genomic DNA
136 <400> SEQUENCE: 14
137 agcgggggagc agcgggggagc 20
139 <210> SEQ ID NO: 15
140 <211> LENGTH: 24
141 <212> TYPE: DNA
142 <213> ORGANISM: Genomic DNA
144 <400> SEQUENCE: 15
145 tactttcagt ttcatattac tcta 24
147 <210> SEQ ID NO: 16
148 <211> LENGTH: 20
149 <212> TYPE: DNA
150 <213> ORGANISM: Genomic DNA
152 <400> SEQUENCE: 16
153 gtccatttcc cgtaaattctt 20
155 <210> SEQ ID NO: 17
156 <211> LENGTH: 20
157 <212> TYPE: DNA
158 <213> ORGANISM: Genomic DNA
160 <400> SEQUENCE: 17
161 tatgcatatt cctgtaagtg 20
163 <210> SEQ ID NO: 18
164 <211> LENGTH: 20
165 <212> TYPE: DNA
166 <213> ORGANISM: Genomic DNA
168 <400> SEQUENCE: 18
169 gattccttctg ggaattccta 20
171 <210> SEQ ID NO: 19
172 <211> LENGTH: 20
173 <212> TYPE: DNA
174 <213> ORGANISM: Genomic DNA
176 <400> SEQUENCE: 19
177 ctgatttccc cgaaatgatg 20
179 <210> SEQ ID NO: 20
180 <211> LENGTH: 20
181 <212> TYPE: DNA
182 <213> ORGANISM: Genomic DNA
184 <400> SEQUENCE: 20
185 agatttctag gaattcaatc 20
187 <210> SEQ ID NO: 21
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Genomic DNA
192 <400> SEQUENCE: 21
193 gtatttccca gaaaaggaac 20
195 <210> SEQ ID NO: 22
196 <211> LENGTH: 20
197 <212> TYPE: DNA
198 <213> ORGANISM: Genomic DNA

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DATE: 06/07/2001

PATENT APPLICATION: US/09/355,254B

TIME: 11:48:02

Input Set : A:\Seqlist.txt

Output Set: C:\CRF3\06072001\I355254B.raw

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200 <400> SEQUENCE: 22
201 aagcgaaaat gaaattgact 20
203 <210> SEQ ID NO: 23
204 <211> LENGTH: 20
205 <212> TYPE: DNA
206 <213> ORGANISM: Genomic DNA
208 <400> SEQUENCE: 23
209 caggcataac gggtccgtag 20
211 <210> SEQ ID NO: 24
212 <211> LENGTH: 20
213 <212> TYPE: DNA
214 <213> ORGANISM: Genomic DNA
216 <400> SEQUENCE: 24
217 atatagggga aatttcagc 20
219 <210> SEQ ID NO: 25
220 <211> LENGTH: 20
221 <212> TYPE: DNA
222 <213> ORGANISM: Genomic DNA
224 <400> SEQUENCE: 25
225 caaaaaaatt tccagtcctt 20
227 <210> SEQ ID NO: 26
228 <211> LENGTH: 20
229 <212> TYPE: DNA
230 <213> ORGANISM: Genomic DNA
232 <400> SEQUENCE: 26
233 atgttttcct gcgttgccag 20
235 <210> SEQ ID NO: 27
236 <211> LENGTH: 26
237 <212> TYPE: DNA
238 <213> ORGANISM: Genomic DNA
240 <400> SEQUENCE: 27
241 ctctgacgtc aggggaaatt tccagc 26

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VERIFICATION SUMMARY

DATE: 06/07/2001

PATENT APPLICATION: US/09/355,254B

TIME: 11:48:03

Input Set : A:\Seqlist.txt

Output Set: C:\CRF3\06072001\I355254B.raw